

Reno/Tahoe IAP (ANG) Wastewater Collection System

Table of Contents

RENO/TAHOE IAP (ANG) WASTEWATER COLLECTION SYSTEM	I
J11 RENO/TAHOE IAP (ANG) WASTEWATER COLLECTION SYSTEM	1
J11.1 RENO/TAHOE IAP (ANG) OVERVIEW	1
J11.2 WASTEWATER COLLECTION SYSTEM DESCRIPTION	1
J11.2.1 Wastewater Collection System Fixed Equipment Inventory	1
J11.2.1.1 Description	2
J11.2.1.2 Inventory	2
J11.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools	3
J11.2.3 Wastewater Collection System Manuals, Drawings, and Records	3
J11.3 SPECIFIC SERVICE REQUIREMENTS	4
J11.4 CURRENT SERVICE ARRANGEMENT	4
J11.5 SECONDARY METERING	4
J11.6 MONTHLY SUBMITTALS	4
J11.7 INFILTRATION AND INFLOW (I&I) PROJECTS	4
J11.8 SERVICE AREA	4
J11.9 OFF-INSTALLATION SITES	5
J11.10 SPECIFIC TRANSITION REQUIREMENTS	5
J11.11 GOVERNMENT RECOGNIZED SYSTEM DEFICIENCIES	5

List of Tables

Fixed Inventory	2
Spare Parts	3
Specialized Vehicles and Tools	3
Manuals, Drawings, and Records	3
Service Connections and Disconnections	5
System Deficiencies	5

J11 Reno/Tahoe IAP (ANG) Wastewater Collection System

J11.1 Reno/Tahoe IAP (ANG) Overview

The Reno/Tahoe IAP, Nevada Air National Guard, 152nd Airlift Wing is located at the Reno/Tahoe International Airport (RTIA) in Reno, Nevada. The base is located on the southwest side of RTIA on a 60 acre parcel. The base has 37 buildings; 13 administrative, 23 industrial, and 1 services, amounting to approximately 302,000 square feet. Day-to-day activities are managed by a force of 250 full-time personnel. One weekend per month this population swells to more than 1100 members during military training assemblies. The base has no residential or transient housing facilities. The RTIA is located four miles southeast of the Reno central business district. Reno has been the regional ANG center for northern Nevada for over one hundred years. On June 30, 1954 the Nevada ANG entered into a 100-year lease agreement with the City of Reno for use of land at the Reno Airport, today known as the Reno/Tahoe International Airport. The lease was later assumed by the Airport Authority of Washoe County. Over the years, the Nevada ANG has funded numerous airport improvements that have benefited the community and facilitated commercial airline expansion at the airport. Currently, more than \$33 million per year goes into the local economy as a result of Nevada ANG salaries and local purchases. The history of Nevada ANG is one of growth, change, and vigilance. In early 1995, they began converting from the RF-4C fighter aircraft to the C-130 Hercules transport aircraft. The mission of the 152nd Airlift Wing is to train, equip, and maintain units and individuals to meet worldwide requirements for federal day-to-day and mobilization missions and state emergencies.

J11.2 Wastewater Collection System Description

J11.2.1 Wastewater Collection System Fixed Equipment Inventory

The Reno/Tahoe IAP (ANG) wastewater collection system consists of all appurtenances physically connected to the collection system from the point of demarcation defined by the Right of Way. The system may include, but is not limited to, pipelines, manholes, valves, and controls. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the wastewater collection system privatization are:

- Oil Water Separators
- Grease Traps

J11.2.1.1 Description

The wastewater collection system at the Reno/Tahoe IAP (ANG) is 100% gravity fed and exits the base at four separate locations. The wastewater collection system consists of approximately 55 linear feet of 6-inch PVC pipe, 4,300 linear feet of concrete asbestos pipe ranging in size from 4 to 18 inches, and 3,200 linear feet of vitrified clay pipe ranging in size from 4 to 12 inches. Pipe depths range from 3 to 10 feet. Additionally, there are 11 pre-cast concrete manholes and 6 poured-in-place concrete manholes ranging from 6 to 10 feet in depth. Base personnel indicate the system capacity is adequate to meet current and future demands.

J11.2.1.2 Inventory

Table 1 provides a general listing of the major wastewater collection system fixed assets for the Reno/Tahoe IAP (ANG) wastewater collection system included in the sale.

TABLE 1
Fixed Inventory
Wastewater Collection System Reno/Tahoe IAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PVC Pipe	6 inch	55	LF	1998
ACP, Concrete	4 inch	1235	LF	1976
	4 inch	830	LF	1977
	4 inch	580	LF	1955
	6 inch	390	LF	1955
	18 inch	1240	LF	1966
Vitrified Clay Pipe	4 inch	477	LF	1984
	6 inch	265	LF	1962
	6 inch	1526	LF	1977
	8 inch	265	LF	1989
	12 inch	690	LF	1966
Standard Sanitary Sewer Manhole				
Precast Concrete-4 foot diameter	6 foot deep	2	EA	1977
	6 foot deep	2	EA	1966
	6 foot deep	1	EA	1989
	8 foot deep	2	EA	1977
	8 foot deep	2	EA	1966
	8 foot deep	1	EA	1989

Item	Size	Quantity	Unit	Approximate Year of Construction
Poured Concrete-4 foot diameter	10 foot deep	1	EA	1966
	6 foot deep	2	EA	1955
	8 foot deep	2	EA	1955
	10 foot deep	2	EA	1955

Notes:

PVC = Polyvinyl Chloride

LF = Linear Feet

EA = Each

J11.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2

Spare Parts

Wastewater Collection System Reno/Tahoe IAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3

Specialized Vehicles and Tools

Wastewater Collection System Reno/Tahoe IAP (ANG)

Description	Quantity	Location	Maker
None			

J11.2.3 Wastewater Collection System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4

Manuals, Drawings, and Records

Wastewater Collection System Reno/Tahoe IAP (ANG)

Qty	Item	Description
1	Wastewater Collection System Maps (electronic copy)	AutoCAD Release Version 14

J11.3 Specific Service Requirements

The service requirements for the Reno/Tahoe IAP (ANG) wastewater collection system are as defined in the Section C Description/Specifications/Work Statement.

J11.4 Current Service Arrangement

- Current Provider: City of Reno, Nevada.
- Average Annual Effluent: 9,400,000 gallons (1,256,000 cubic feet)
- Average Monthly Effluent: 780,000 gallons (104,240 cubic feet)

J11.5 Secondary Metering

None

J11.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.
2. Outage Report. The Contractor's monthly outage report (blockage and overflow information) will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.
3. Infiltration and Inflow Report. If required by Paragraph C.3, the Contractor shall submit an Infiltration and Inflow report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

J11.7 Infiltration and Inflow (I&I) Projects

IAW Paragraph C.3 Utility Service Requirement, the following projects have been implemented by the Government for managing and monitoring I&I. None

J11.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Reno/Tahoe IAP (ANG) boundaries.

J11.9 Off-Installation Sites

No off-installation sites are included in the sale of the Reno/Tahoe IAP (ANG) wastewater collection system.

J11.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 5** provides a listing of service connections and disconnections required upon transfer.

TABLE 5
Service Connections and Disconnections
Wastewater Collection System Reno/Tahoe IAP (ANG)

Location	Description
None	

J11.11 Government Recognized System Deficiencies

Table 6 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Reno/Tahoe IAP (ANG) wastewater collection system. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewals and Replacements Plan process and will be recovered through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 6
System Deficiencies
Wastewater Collection System Reno/Tahoe IAP (ANG)

Project Location	Project Description
None	